

CLAIMS

1. A polybenzazole composition containing a basic substance.
2. A polybenzazole composition according to claim 1, wherein the basic substance is an organic compound.
3. A polybenzazole composition according to claim 1, wherein the basic substance is an organic compound soluble in water or a hydrophilic solvent.
4. A polybenzazole composition according to claim 1, wherein the basic substance is selected from the group consisting of guanidines, triazoles, quinazolines, piperidines, anilines, pyridines and cyanuric acids.
5. A polybenzazole fiber comprising a polybenzazole composition according to claim 1.
6. A polybenzazole film comprising a polybenzazole composition according to claim 1.
7. A polybenzazole fiber according to claim 5, which contains a basic organic compound in the form of a monomer or a condensate.
8. A polybenzazole fiber according to claim 5, which contains a basic organic compound selected from the group consisting of p-phenylenediamine, m-phenylenediamine and a mixture thereof in the form of a monomer or a condensate.
9. A polybenzazole fiber according to claim 5, wherein the X-ray meridian diffraction half-width factor is 0.3°/GPa or less.
10. A polybenzazole fiber according to claim 5, wherein the elasticity decrement ΔE attributed to change of molecular orientation is 30 GPa or less.
11. A polybenzazole fiber according to claim 5, wherein the breaking strength of the fiber is 1 GPa or more.
12. A polybenzazole fiber according to claim 5, which

is a staple fiber.

13. A polybenzazole spun yarn comprising a polybenzazole fiber according to claim 5.

14. A polybenzazole woven or knitted fabric comprising 5 a polybenzazole fiber according to claim 5.

15. A polybenzazole felt material comprising a polybenzazole fiber according to claim 5.

16. A polybenzazole composite material comprising a polybenzazole fiber according to claim 5.

10 17. A polybenzazole cord comprising a polybenzazole fiber according to claim 5.

18. A polybenzazole rod comprising a polybenzazole fiber according to claim 5.

15 19. A polybenzazole fibrous sheet for reinforcing cement and concrete, said sheet comprising a polybenzazole fiber according to claim 5.

20 20. A polybenzazole fibrous sheet for reinforcing cement and concrete, wherein the breaking strength of said sheet is 50 kg/cm or more.

21. A high strength fiber comprising a polybenzazole fiber according to claim 5.

22. A knife-proof vest comprising a polybenzazole fiber according to claim 5.

25 23. A bullet-proof vest comprising a polybenzazole fiber according to claim 5.